Mirfield 900

Urban District Council.

Report of the Medical Officer of Health for the Year 1903.



Annual Report for 1903.



GENTLEMEN,

It is once more my duty to submit for your consideration my Annual Report of the Sanitary condition of the District as well as the year's workings, its bearings upon the vital Statistics, and our control over the Infectious or Zymotic diseases.

Population.—It is always a difficult matter to accurately estimate the Population of a Town annually. There are so many factors to take into consideration in a manufacturing town. This year I am adding 100 to the population. I do not think there has been any exodus from the District, and with the working again of the Collieries a few families have returned. The number of births over deaths being 115, and there having been 23 more births in 1903 than 1902, it is fair to assume that the population is increasing, not decreasing.

Births.—During the year, 299 births (164 males, 135 females) have been registered. The birthrate for the year is at the rate of 26.00 per 1000, for 1902 it was 24.24. The birthrate for England and Wales is 28.4

Below you will see the number of births arranged in quarters for the last 4 years, also the numbers annually for the last 10 years—for the last 2 years divided into sexes.

				1900	1901	1902	1903
ıst Q	uarter	ending	March 31	83	82	80	69
2nd	, ,	,,	June 30	76	83	68	88
3rd	, ,	,,	Sept. 30	69	65	61	63
4th	,,	, ,	Dec. 31	73	68	67	79
				ganta di anticolo di para di p			
				301	298	276	299



	males	females		males	females
1902—1st Quarter	40	40	1903	47	2 2
2nd ,,	34	34	,,	46	42
3rd ,,	29	32	, ,	36	27
4th ,,	33	34	, ,	35	44
	136	142		164	135

Number of births for the last 10 years:

In 189.	4 -	256	In 1900	-	301
., 189	5 -	262	,, 1901	_	298
,, 189	5 -	239	,, 1902	-	276
,, 189	7 -	317	(136 males	142	females)
,, 1898	3 -	314	In 1903	***	299
,, 189	9 -	268	(164 males	1 35	females)

Deaths.—We will now turn our attention to the deaths that have taken place, and compare their numbers and causes, etc., with those of previous years—There have been 184 deaths registered, 103 males, 81 females. Of these, 8 (7 males and 1 female) were non-residents,—4 from Ravensthorpe, 1 from Liversedge, 1 from Batley, 1 from Heckmondwike, and 1 unknown. Again there were 4 deaths (2 males and 2 females) of residents dying at the West Riding Lunatic Asylum. Also there were 3 deaths (1 male, 2 females) from Smallpox at Dewsbury. There were no deaths at the Union Workhouse. Thus deducting the 8 deaths and adding the 7, we reduce the number to 183, the correct deathrate for the year being 15.91. The deathrate for England and Wales is 15.4, this being the lowest deathrate ever recorded for England and Wales.

Below you will see the number of deaths arranged according to the different quarters, and the sexes:—

		10	002	1903		
		males	females	males	females	
Quarter e	ending March 31	23	32	23	19	
, ,	,, June 30	30	24	20	19	
, ,	,, Sept. 30	16	22	27	15	
, ,	,, Dec. 31	28	2 2	33	28	
		97	100	103	82	

I again submit a tabulated list of deaths for the last 3 years, for each month, at the different age periods into which



the deaths are now arranged :-

For 1901 :-	-	Jan	Feb	Mar	Apl	May	June	July	Aug	Sep	Oct	Nov	Dec	T'tls
Under 1 year & und 5 years ,, 15 ,, ,, ,, 65 ,, and 1	der 5 yrs. 15 ,, 25 ,,	3 1 1 2 5 9	5 2 nil nil 8 9	2 2 1 7 5	6 I nil I 4 4	2 I 2 I 9	nil nil nil 4	3 nil 2 1 7	7 nil I nil 4 4	4 nil nil 5	nil r	nil nil nil 4	4 4 nil nil 8	40 13 7 7 7 72 54
	Total	2 I	24	18	16	19	IO	15	16	12	I 2	9	2 [
For 1902 :-	n-hayana	Jan	Feb	Mar	Apl	May	June	July	Aug	Sep.	Oct.	Nov	Dec	T'tls
Under 1 year & un 5 years ,, 15 ,, ,, ,, 65 ,, and up	der 5 yrs. 15 ,, 25 ,, 65 ,, nwards.		2 nil nil 7 2	7 3 1 8 4	5 nil nil 6 3	5 2 2 1 6 8	2 3 nil nil 6 4	nil 3 nil 2 3 6	3 nil 2 3 2	4 I nil 5 2	5 1 1 4 2	2 3 1 nil 8 4	nil I I 9	39 20 7 10 74 47
	etal	Jan.	Feb	Mar	15 Apl	24 May	I 5 June	14 July	·	Sep	14 Oct		18 Dec	
For 1903:- Under 1 year 1 year & und 5 years " 15 " " 25 " " 65 " and up	er 5 yrs 15 " 25 " 65 " wards.	I nil	1 2 2 nil 7 3	3 2 nil nil 6 2	4 3	2 3 nil nil 3 4	3 nil nil nil 2 3	2 nil	2 3 nil nil 4 2	3 4 3 1 3 3	2 nil nil 7 6	3. I	7 3 nil nil 8	33 22 5 4 66 54
Tota	ıl	14	15	13	19	Ι2	8	14	II	17	16	20	25	184

Also yearly for 10 years:

	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	T'tls
Under 1 year 1 year & under 5 yrs 5 years ,, 15 ,, 15 ,, 25 ,, 25 ,, 65 ,, and upwards	41 24 10 21 61 38	38 26 11 8 72 45	44 39 17 18 61 50	39 23 5 5 5 24 42	42 15 12 12 82 55	31 19 7 7 74 51	47 23 5 9 72 40	40 13 7 7 7 72 54	39 20 7 . 10 74 47	33 22 5 4 66 54	394 224 86 101 686 476
Total	195	200	229	166	218	189	196	193	197	184	1967



The infant mortality on the 34 deaths is 113.71, but on 33, deducting the death of a non-resident is 110.33 per 1000 births registered. For 1902 it was 141.3

The infant mortality for England & Wales is 132.

- ,, ,, ,, 76 great Towns is 144. ,, ,, ,, smaller Towns is 135. England & Wales (less 170 Towns)
- ,, England & Wales (less 179 Towns) is 118

I also give the number of deaths according to sex at the said age periods for 1902 & 1903:—

	1902.			1903.		
	M.	F.	Total.	M.	F.	Total.
Infants under 1 year	18	21	39	2 [I 2	33
r year and under 5 years	II	9	20	12	ΙO	22
5 years ,, 15 ,,	5	2	7	4	I	5
15,, ,, 25,,	I	9	IO	3	I	4
25,, ,, 65,,	42	32	74	40	26	66
65 ,, and upwards	20	27	47	24	30	54
Total	97	100	197	104	80	184

I will now classify the diseases which have been the cause of death at their different age periods for 1902 & 1903.

Infants under 1 year, for 1902 & 1903:—

	In	1902.	In 1903.
Premature birth		3	7
Inanition, Convulsions	s, &c	ΙΙ	8
Bronchitis		7	4
Broncho-Pneumonia		3	I
Dentition		2	I
Measles		6	nil
Whooping Cough		2	3
Enteritis (Diarrhœa)		4	4
Found dead in bed		I	nil
Scarlet Fever			I
Meningitis			2
Tuberculosis			I
Spina Bifida			I
_			g-ggg-g-mag-min-ggg-min-
	Total	39	33

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1 year & under 5 years for 1901, 1902, & 1903:-

			1091	1902	1903
Broncho-Pneum	onia	• • •	nil	3	2
Pneumonia	• •		nil	I	Ι
Bronchitis	• •		I	I	4
Measles	• • •		I	3	nil
Meningitis (Tub	ercula	r)	I	3	3
Convulsions			nil	I	3
Phthisis			2	I	nil
Scarlet Fever			nil	3-(1	L.) nil
Jaundice	* * *		nil	I	1
Dentition	• • •	• • •	2	I	2
Heart	• • •		nil	I	I
Enteritis (Diarrh	nœa)	• • •	2	I	2.
Whooping Coug	,		I	nil	3
Typhoid Fever	1 6- 1-		I	-Lvsg nil	nil
Diphtheria		0 0 1	I	nil	nil
Burns	6- 6- 6		I,	nil	nil
					C
		Total	13	20	22

5 years & under 15 years :-

			1901	1902	1903,
Tubercular	(Brain)		nil	2	nil
,,	Bowels	G- 0- 0	2	nil	nil
)	Lungs		I	I	nil
Diphtheria			I	nil	nil
Typhoid F	ever	O= 0 6	nil	1-Lvsg	nil
Scarlet Fe	ver		I	nil	nil
Measles	0- 0-0		nil	I	nil
Nephritis		0- 0- 0	I	nil	nil
Influenza	• • • •		nil	I	nil
Dyspepsia	• • •		I	nil	nil
Burns		0 0 0-	nil	ľ	nil
Drowning	⊕ G= 0	ø. • •	nil	nil	I
Pneumonia			nil	nil	I
Membrano	us Croup		nil	nil	I
Heart	*		nil	nil	I
Septic Pha	ryngitis	0 0 0	ni1	nil	I
*	* 0				-
			7	7	5

15 years & under 25:-

	1901		1903	
Acute Peritonitis	 	2.	nil	niß



Broncho-Pneumonia	 I	nil	nil
Pneumonia	 1	I	nil
Measles	 nil	1	nil
Typhoid Fever	 Ι-	non-res 1-	non-res nil
Heart Disease	 nil	2	nil
Phthisis Pulmonalis	 nil	I	nil
Tubercular Meningitis	 nil	I	nil
Gastric Ulcer	 nil	1 -	non-res nil
Cerebral Abs	 nil	I	nil
Pnerperal Septic	 nil	nil	I
Apoplexy	 nil	nil	I
Locomotor Ataxy	 nil	nil	ĭ
Drowning	 nil	Į.	nil
Fractured Spine	 nil	nil	I
-	5	10	4

25 years & under 65 years:

•		1901	1902	1903
Bronchitis		7	3	6
Pneumonia		4	7	6
Broncho-Pneumonia		1	nil	I
Heart Disease		16	15	IO
Hemiplegia Apoplexy		4	7	8
Ostea-Arthritis		I	nil	nil
Phthisis Pulmonalis		5	10	7
Enteritis (Diarrhœa)		2	nil	nil
Typhoid Fever		3 (1	n.r.) r (n.r.)	I
Puerperal Fever &c.		1	nil	nil
Bright's Disease		6	2	2
Cirrhosis of Liver		2	I	nil
Alcoholis m		I	nil	nil
Epilepsy		I	nil	nil
Ulcer		I	nil	nil
Malignant Disease		12	6	3
Hernia		. 2	nil	nil
Biliary Colic		I	nil	nil
Diabetes		I	nil	2
Suicides		I	3	1 5
Accidents		nil	3	4
Erysipelas		nil	I	nil
Septic Inflamns		nil	3	2
Pernicious Anæmia		nil	2	nil
Lead c Anæmia		nil	I	nil
Gout	• • •	nil	I	nil
Nephritis		nil	3	nil



Cîrrhosis of Kidneys		nil	ı (n.r.) nil
Tubercular Joints		nil	I	nil
Pericarditis		nil	I	nil
Appendicitis		nil	I	nil
Intestinal Obsy		nil	100	nil
Locomotor Ataxy		nil	nil	I
Meningitis	g- n- o	nil	nil	3
Pleurisy		nil	nil	2,
Hæmorrhage		nil	nil	I
Tuberculous Kidneys &c.		nil	nil	I
Influenza & Bronchitis	0= 0 = 0	nil	nil	I
Subacute Myelitis		nil	nil	1
Ulceration of Bowel		niľ	nil	1
Acute Enteritis		nil	nil	2
Tot	-1			66
Tot	ai	72	74	66

65 years and upwards:

		1901	1902	1903;
Heart Disease		10	7	11
Apoplexy	♦ 0⊬ ♦	6	6	8
Senile Decay		8	I I	5
Bronchitis	01 0 0	7	9	8
Malignant Disease	0- 0- 0	4	3	5
Rheumatism		nil	2	nil
Accidents		nil	2	2
Suicides	e- + +	nil	nil	I
Sudden death		I	I	nil
Diabetes	6. 6. 6	nil	Ī	nil
Jaundice		nil	¥5 2	nil
Tuberculosis		2	I	nil
Senile Gangrene	ge Ov gr	2	Ţ	2
Cirrhosis of Liver	0. • •	2	I	nil
Softening of Brain		nil	ľ	4
Pneumonia	0.0 •	3	mil	nil
Broncho-Pneumonia		2	nil	nil
Laryngitis		ľ	nil	nil
Influenza		I	nil	nil
Cystitis	6 % 3	2	nil	nil
Paraplegia	♦ D• ♦	F	nil	nik
Diarrhœa		1	nil	2.
Dyspepsia		I	nil	nil
Bright's Disease		2	nil	nil
Septic Inflammation		nil	nil	I
Intestinal Obstruction		nil	nil	36



Phthisis Gastritis	 • • •	nil nil	nil nil	I
		54	47	54

Phthisis Pulmonalis, Tubercular disease of the Lungs—8 deaths have been registered as having taken place during the year—one having died at the Memorial Hospital resided at Ravensthorpe I have not included: of these 8, 5 were males and 3 females, and resided at Upper Hopton, Wellhouse Lane, Camm Lane, Old Bank Road, Roe Head, Sunny Bank Road, Lower Hopton, and Knowl. 2 died in January, I in May, I in July, 2 in August,, and I in December.

Occupation—Their occupations were all different, viz: Dressmaker 1. Colliery Deputy 1, Farmer 1, Stone Mason 1, Painter 1, Agent for Insurance Co. 1, 2 of no occupation (housework).

Ages—2 at 30 yrs, 1 at 35, 2 at 39, 2 at 48, 1 at 65.

In 1902 there were 12 deaths.

Number of deaths for 11 years:-

In	1893	there were	20	deaths.	In	1899	there	were 15	deaths
1.1	1894	11	27	11	11	1900	11	10	11
1.1	1895	11	19	11	11	1901	11	8	11
11	1896	11	14	F #	+1	1902	1.1	I 2	11
f 1	1897	11	ΙΙ	11	11	1903	1.1	8	11
11	1898	11	18	11					
							Tota	1 162 0	deaths

There have also been 7 deaths, mostly children, of a tuberculous character.

Pneumonia, Pleurisy, Bronchitis, and Broncho-Pneumonia—32 deaths, 21 from Bronchitis, 7 from Pneumonia, and 3 from Broncho-Pneumonia. 19 were males, 13 females. In 1902 there were 35, and in 1901 32 deaths from diseases of the respiratory system. The deaths occurred in the following months.

January 1, February 3, March 2, April 2, May 3, June 1, July 1, August 2, September 1, October 2, November 5, December 9.

Inquests were held on 2, who died suddenly before medical assistance could be obtained.



The occupation of the adults—males: Stonemason 1, Grocer 1, Boot & Shoe Maker 1, Coal Teamer 1, Labourer 1, Lamplighter 1, Coal Miner 1, Woollen Spinner 1, Maltster Labourers 2, Colliery Banksman (an old man) 1.

Deaths not certified—None. Inquests having been held instead.

Cancer.—9 persons have died from this disease—3 males, 6 females. 3 of these (1 male and 2 females) were non-residents, 1 from Batley, and the others from Ravensthorpe. As in 1902, women have been the greater victims.

1902. 1903. 2 males, 7 females. 3 males, 6 females.

This year the low lying parts do not claim the greatest number—only4 out of the 9. Batley 1. Crossley Lane 1 Lee Green 1. East-thorpe 1. Ravensthorpe 2. Flash Lane 1. Knowl 1. Snake Hill 1.

Ages—Males—42, 67, 81. Females—79, 52, 44, 57, 68, 74.

I should like to think this disease is declining from our midst, instead of increasing as it is in many places. I can only give you this year the numbers for 5 years, viz:

1899 21 deaths. 1902 9 deaths, 1 deing a non-resident. 1900 12 " 1903 9 " 3 being non-residents. 1901 18 "

Inquests.—15 inquests have been held during the year on 11 males, and 4 females—2 males were non-residents, 7 of these deaths, all males, were due to accidents, e.g. 1—concussion of the brain, &c., from falling down a hoist. 2—fractured spine from fall of roof in a coal mine. 3—a child accidentally fell into the river (a non-resident). 4—a fractured thigh, an old man, 75 years, falling down steps. 5—a Teamer fell off his cart. 6—a Railway man (a Guard) killed by a passing train in a dense fog. 7—a young man, fractured spine while playing football. 8—a man, aged 65 years, committed suicide by hanging, occupation farmer. 9—a man unknown, about 45 years of age, taken out of the Calder & Hebble Canal. The cause of the remaining 6 deaths, apoplexy 1, Heart Failure 4, Bronchitis &c. 1.



In 1900 there were 19 Inquests.

11	1901	11	6	11
11	1902	11	13	11
† +	1903	11	15	11

Zymotic Diseases.

I think this year a slight alteration should be made in the tabulated list of deaths from Zymotic disease, if we are to have an exact record that will serve not only for the present time, but also for future reference. I therefore propose giving two lines for those Fevers which are generally removed to the Fever Hospitals. Some in 1903 were removed out of the Township, and ought to be included in our returns. Another year Scarlet Fever must be separated.

Table of deaths from Zymotic disease for 10 years.

	94	95	96	97	98	99	1900	1901	02	03	T'tl.
Smallpox	0	0	0	0	0	0	0	0	0	0	0
, (away)	0	0	0	0	0	О	0	0	0	3	3
Scarlet Fever	0	I	13	2	2	1	2	1	2	I	25
Measles	0	IO	15	0	2	1	4	2	11	0	45
Typhoid Fever	0	0	2	1	2	I	2	4	0	I	13
Continued	0	0	1	0	0	0	0	0	0	0	I
Diarrhœa	4	4	2	8	9	2	3	7	I	6	46
Diphtheria	3	2	4	2	0	I	2	2	0	I	17
Membranous Croup.	I	I	I	0	1	1	0	0	0	0	5
Erysipelas	I	0	0	0	0	0	2	0	I	0	4
Puerperal Fever	1	0	T	2	I	O	I	0	0	3	9
Whooping Cough	6	0	8	7	2	I	2	I	2	6	35
Total	16	18	47	22	19	8	18	17	17	2[203

Smallpox.—There have been six cases of this disease during the year—4 males, 2 temales. Two had been vaccinated; one death, a male 51 years of age, vaccinated in infancy. The other also a male, 15 years of age, a very mild case.

The other four were unvaccinated, two deaths, both females, one aged 32, the other aged 14. The mortality has been very high, viz: 50 per cent. We were never able to ascertain exactly where the Infection was caught, the disease being then very prevalent in Dewsbury, it is more than probable they



caught the infcetion from there. However, I think you will all agree with me that the measures adopted to prevent the spread of the disease were very successful, we had not a second case occurring in the same house nor its immediate neighbourhood.

The 1st case occurred on May 12th.

,, 2nd ,, ,, June 13th.

,, 3rd ,, ,, July 11th.

,, 4th ,, ,, July 26th.

,, 5th ,, ,, August 15th.

,, 6th ,, ,, ,, 16th.

and in different parts of the parish, viz: S. Mary's Terrace, King Street, Towngate, Knowl, Wellhouse Lane, Greenside. The cases were all removed to the Dewsbury Smallpox Hospital.

Scarlet Fever.—11 cases, (6 males. 5 females) no deaths, all treated at the Crossley Hospital. It is much more satisfactory to all parties, and there is not nearly as much risk of the disease spreading if the case is removed at once. You will see by the annexed table 1903 compares very favourably with the last 7 years. The disease broke out in the following places:—Flash Lane, Northorpe, Crossley Lane, Sunny Bank Road (this was imported, and really a non-resident), Old Bank, Knowl, and Bracken Hill.

	1897	1898	1899	1900	1901	1902	1903	Total.
January	13	τ	7	2	О	I	O	24
February		. 17						37
March		5						35
April		. 4						26
May	Ι	. 5	6	3	5	8	0	28
June	О	. 5	5	I	5	7	3	26.
July	1	. 2	5	3	3	ī	0	15.
August	2	. 4	I	3 · ·	2	1	0	13
September	9	. 7	I	2	3	3	0	25
October	9	9	Ο	3	10	3	I	35
November	ΙΙ	· 5 ·	5	I	I	2	2	27
December	7	. 10	2	3	O	Ι	I	24
Tota	al 66	74	58	24	39	43	13	315

Diphtheria & Membranous Croup.—6 cases (4 males, 2 females), 1 death. In 1902 there were no cases. This disease appeared at the following places and time:—January 2, at Lower Hopton. February 1, at Lower Hopton (died), April 1, at Knowl. Sep. 3, at Flash Lane, Snake Hill, and Upper Hopton.



Typhoid Fever.—5 cases—3 males, 2 females, 1 death. In 1902, 3 cases—2 males, 1 female, no death. In 1901, 6 cases, 2 deaths. There were 2 cases at Upper Hopton in April, sisters, both recovered. 1 went to Crossley Hospital. 1 in July, at Lower Hopton, treated at home, recovered. 1 in October, from Upper Row, removed to Crossley, this case proved fatal. 1 in November, from West End, also removed to Crossley, recovered. You are again to be congratulated upon the almost immunity from this disease,

Whooping Cough.—6 deaths—3 males, 3 females. 3 of the deaths were infants under 1 year, and the other 3 under 2. This disease was very prevalent in March and April at Lee Green and Old Bank Road, 5 of the 6 deaths occurring in that locality. The other death took place at Knowl in December.

Sufficient care is not taken to keep the children suffering from Whooping Cough at home, they should not be allowed to go out, taking cold themselves, and infecting others.

Measles.—There were no deaths from this disease during the year.

Erysipelas.—10 cases, no deaths.—3 males, 7 females. In 1902, 10 cases, 1 death. In 1901, 8 cases, no deaths. There were 2 cases in May, 1 in July, 1 in August, 1 in September, 3 in Oct., and 1 in Dec. Ages—infant, 4 years, 7 years, 16 years, 19 years, 26 years, 46, 2 at 50. 1 at 67, and in the following places—2 at Nettleton Road, 1 at Battyeford, 1 at Lower Hopton, 1 at Towngate, 2 at Greenside, 1 at Old Bank Road, 1 at Fenton Folly, 1 at Northorpe.

Diarrhœa. (Zymotic Enteritis)—6 cases, 4 infants under 1 year, the remaining 2 being 15 & 17 months old. 2 died in Augnst, and 4 in September, and their deaths took place 1 at Lowlands, 3 at Lower Hopton, 1 at Snakehill, and 1 at Northorpe.

Infectious Notification Act.

The number of cases notified during the year was 40, viz:

40

7

Smallpox	 6-3 deaths.
∫ Diphtheria	 6—no death
Membranous Croup	 r—died
Scarlet Fever	 11—no deaths
Typhoid Fever	 5—1 death
Puerperal Fever	 ı—died
Erysipelas	 10—no deaths



I will again give you the number of cases that have been notified since you adopted the Act, viz: Feby. 1st, 1890:—

1890	(11 months)	4 I		deaths	14	
1891		79	• • •	11	20	
1892		60		14	7	
1893		55	• • •	11	6	
1894		34		11	5	
1895		68	• • •	1.7	4	
1896		394		11	22	
1897	• • •	95		11	7	
1898		100		11	6	
1899		72		f F	4	
1900		153		11	9	
1901		58		1.1	5	
1902		57		11	3	
1903		40		11	7	

Water.—The Towns Water has been very plentiful during the year. There have been no complaints of Lead Poisoning. The Water does not now appear to dissolve lead to any appreciable extent; this applies only to the cold water. Water should never be drawn from the hot water pipes for consumption.

Crossley Hospital.

This Hospital is continuing to do very useful work. The building has been kept in good repair. The patients are very well cared for by the Nursing Staff.

The premises as you know are being enlarged, or rather another building is being erected (which will be quite separate from the present one) for the treatment of Smallpox cases. The cost for Smallpox is so very great that the Board have decided to build, and treat the cases themselves. This really belongs to 1904.

The Sanitary work performed during 1903 has not been very much, in consequence of the long illness of your late Inspector, consequently the inspection of the Factories and Workshops has had to be postponed.

I am, Gentlemen,

Your obedient Servant,

THOMAS B. FAIRCLOUGH.

MEDICAL OFFICER OF HEALTH.

Fuly, 1904.





